

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116244.D
 Acq On : 13 Aug 2019 21:42
 Operator : HP/JU
 Sample : K4227-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-Q-(0-1)-COMP

Quant Time: Aug 13 23:20:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

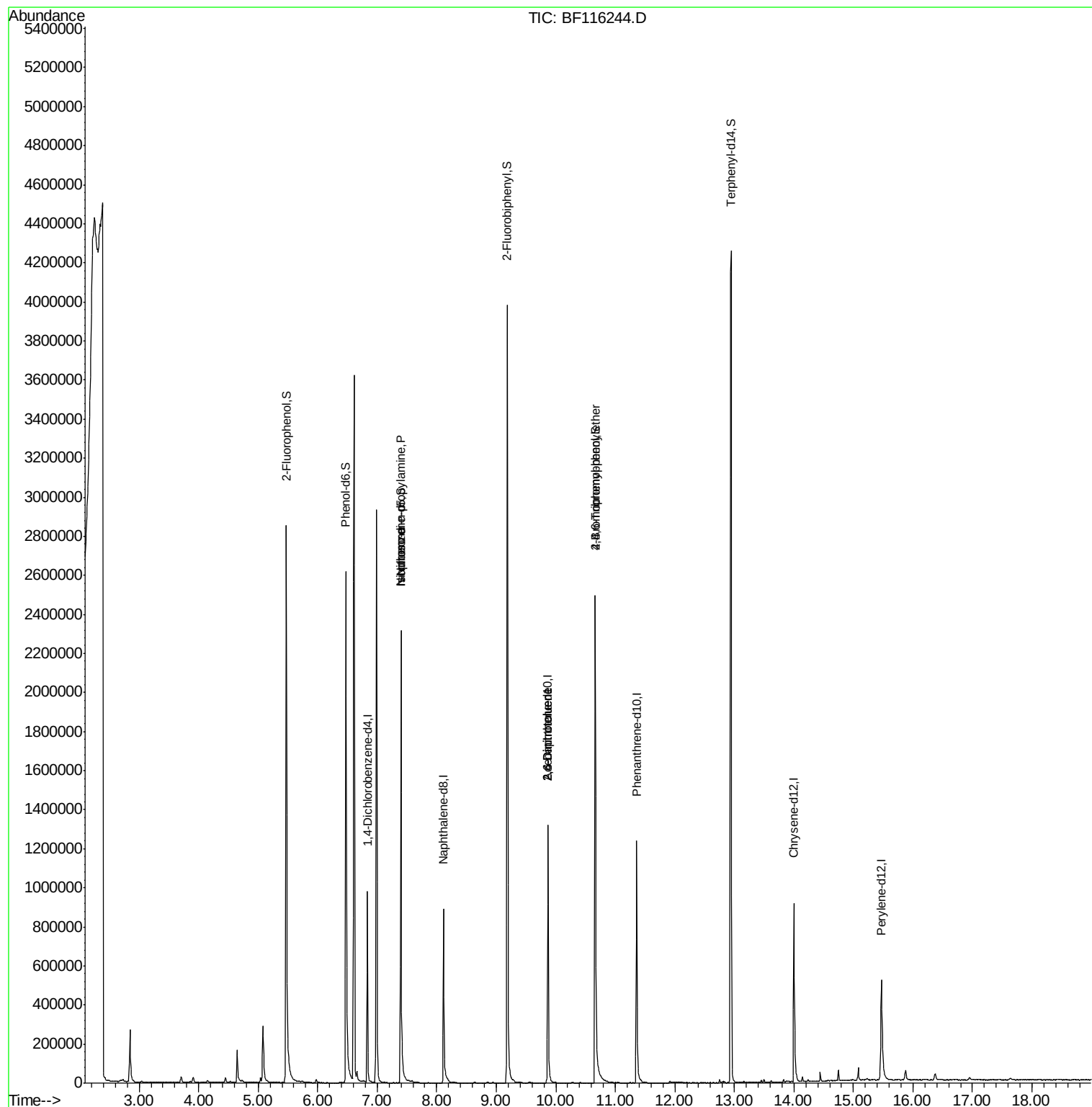
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	142501	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	559752	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	306993	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	567603	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	434729	20.00	ng	-0.01
87) Perylene-d12	15.47	264	369461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	994499	116.83	ng	0.00
7) Phenol-d6	6.47	99	1198503	111.59	ng	-0.01
23) Nitrobenzene-d5	7.40	82	932975	96.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	428949	144.12	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1570503	95.82	ng	-0.01
79) Terphenyl-d14	12.94	244	1866509	90.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	121213	18.213	ng	# 79
25) Isophorone	7.40	82	932971	50.315	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	39325	8.657	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	39326	6.502	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	24815	4.084	ng	# 1

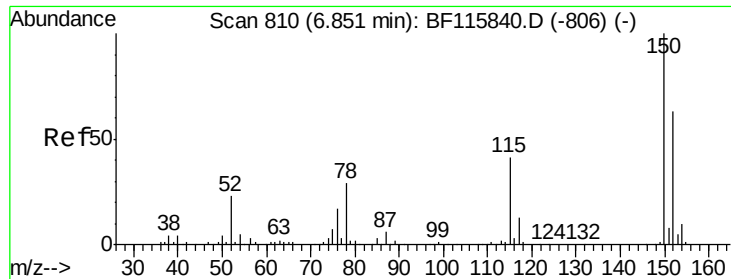
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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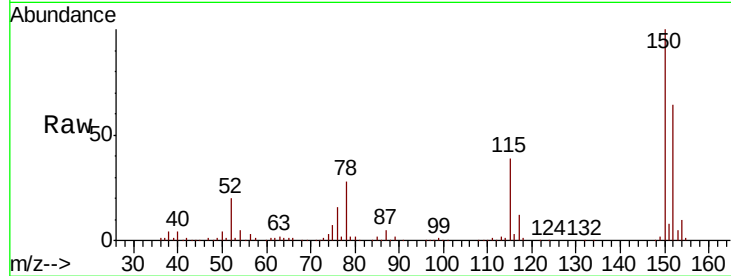


#1

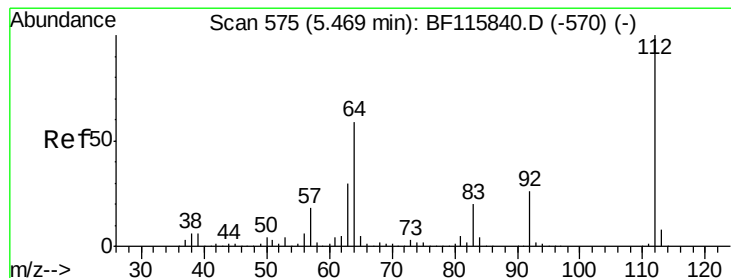
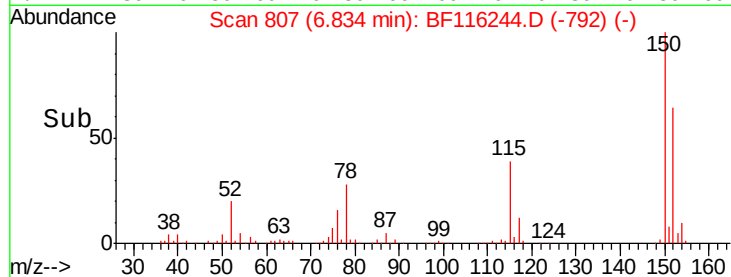
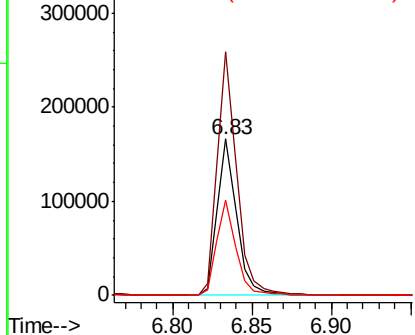
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116244.D
Acq: 13 Aug 2019 21:42

Instrument :
BNA_F
ClientSampleId :
1S-Q-(0-1)-COMP

Tgt Ion:152 Resp: 142501
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 60.6 49.9 74.9



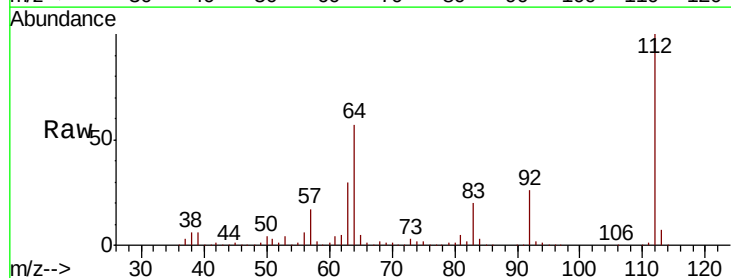
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



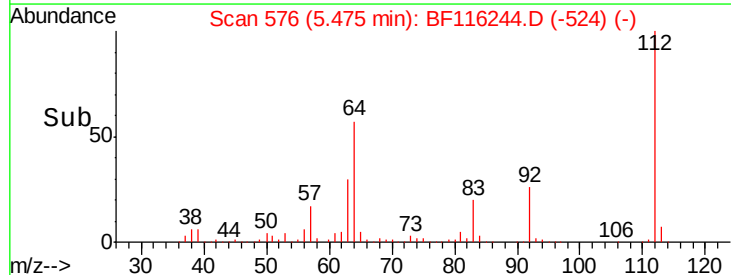
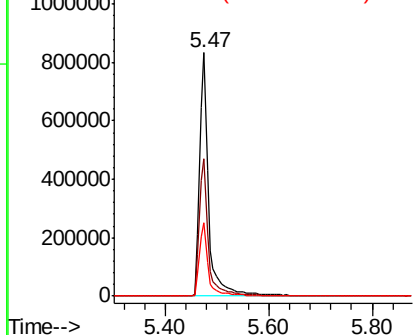
#5

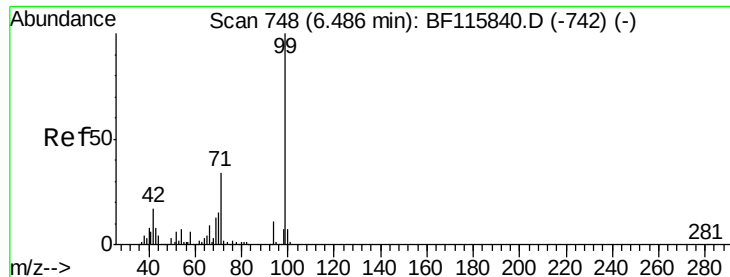
2-Fluorophenol
Concen: 116.831 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116244.D
Acq: 13 Aug 2019 21:42

Tgt Ion:112 Resp: 994499
Ion Ratio Lower Upper
112 100
64 56.5 45.4 68.2
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.595 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116244.D

Acq: 13 Aug 2019 21:42

Instrument :

BNA_F

ClientSampleId :

1S-Q-(0-1)-COMP

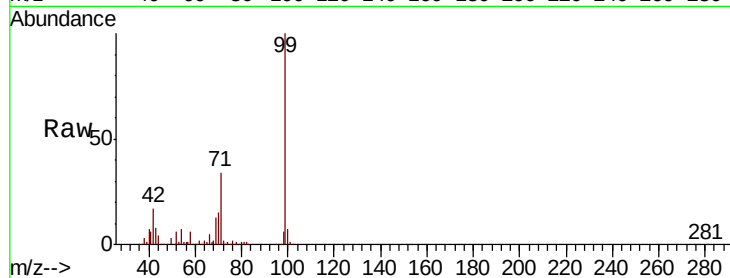
Tgt Ion: 99 Resp: 1198503

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

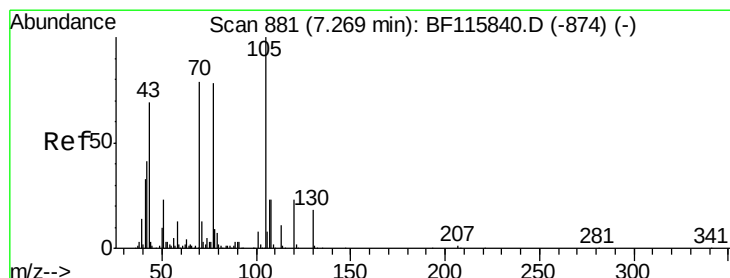
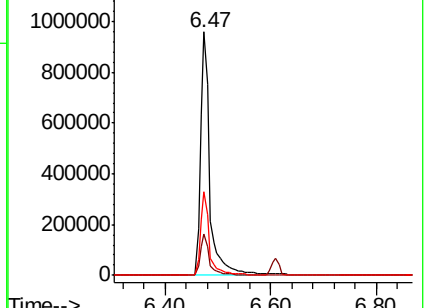
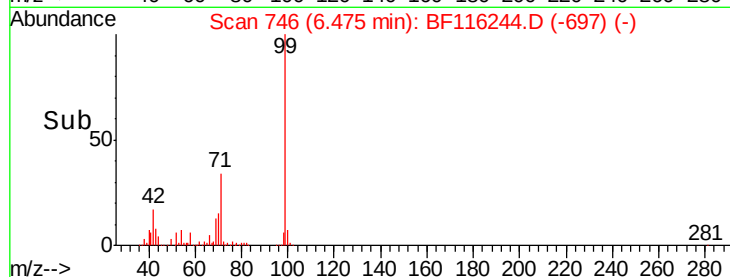
71 34.5 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 18.213 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116244.D

Acq: 13 Aug 2019 21:42

Tgt Ion: 70 Resp: 121213

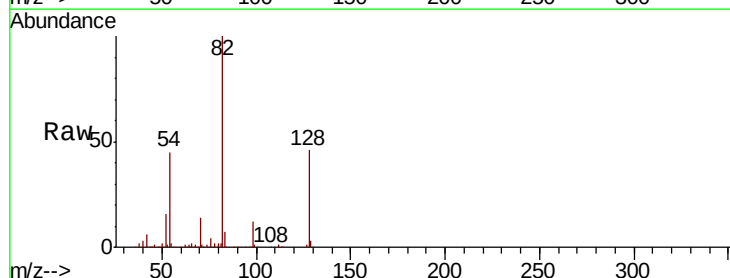
Ion Ratio Lower Upper

70 100

42 42.9 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

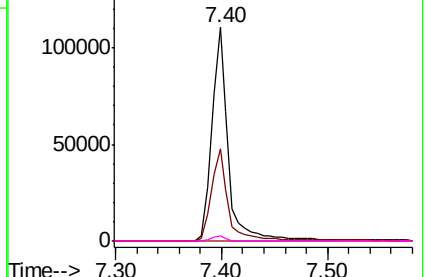
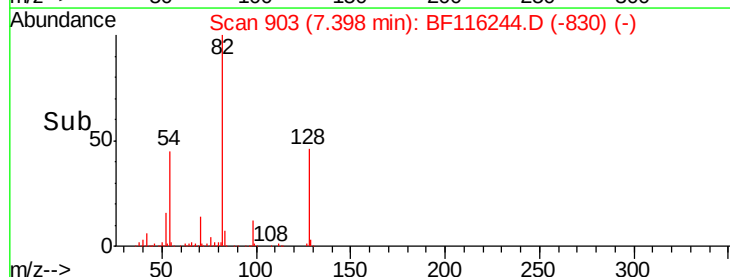


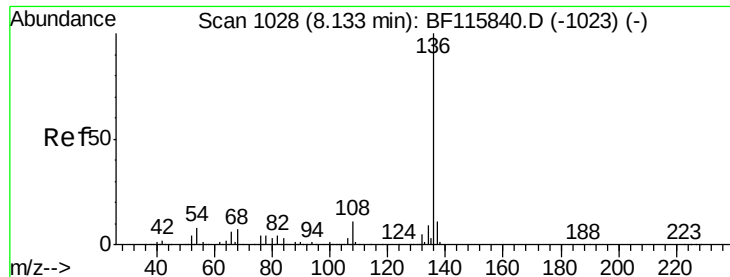
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

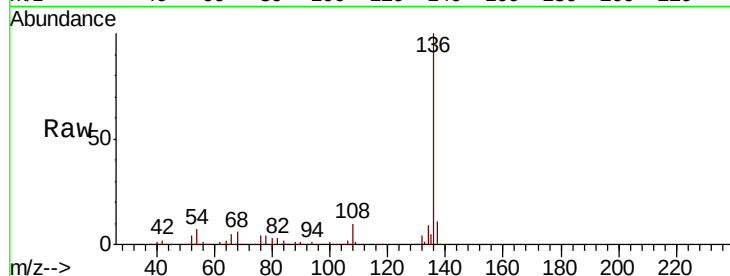




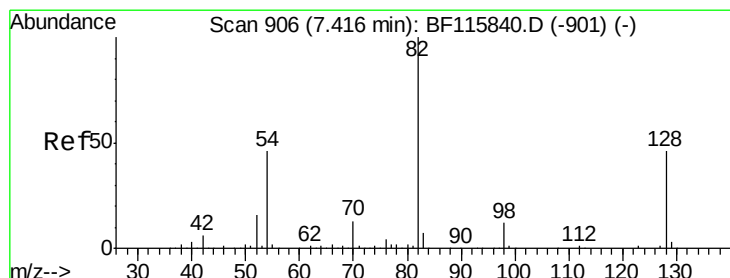
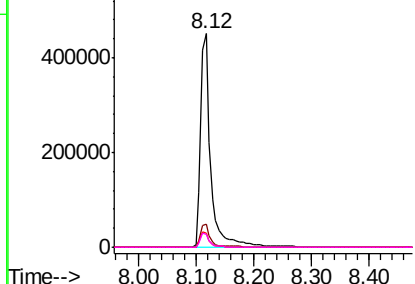
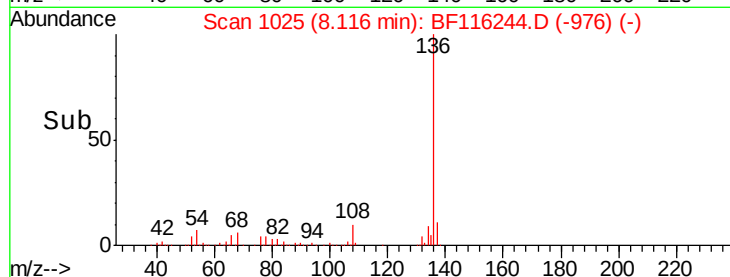
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116244.D
Acq: 13 Aug 2019 21:42

Instrument :
BNA_F
ClientSampleId :
1S-Q-(0-1)-COMP

Tgt Ion:	136	Resp:	559752
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	5.8	8.6
68	6.0	5.2	7.8

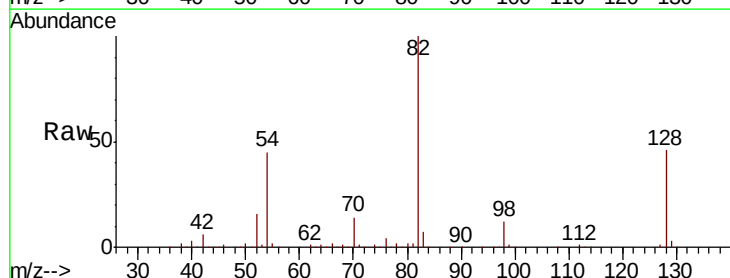


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

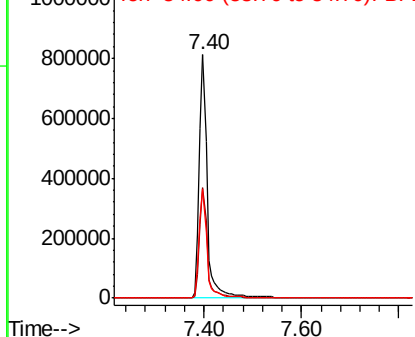
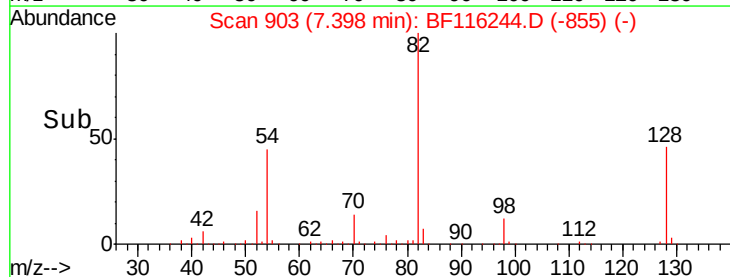


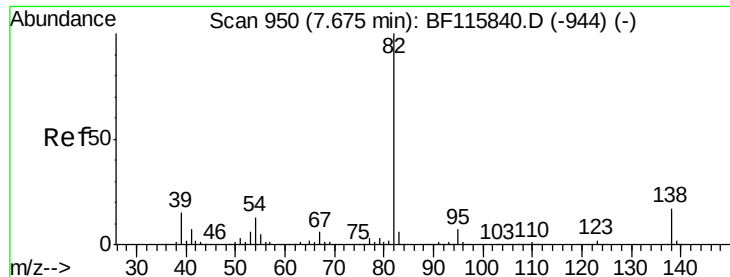
#23
Nitrobenzene-d5
Concen: 96.211 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116244.D
Acq: 13 Aug 2019 21:42

Tgt Ion:	82	Resp:	932975
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	44.8	36.0	54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.315 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116244.D

Acq: 13 Aug 2019 21:42

Instrument :

BNA_F

ClientSampleId :

1S-Q-(0-1)-COMP

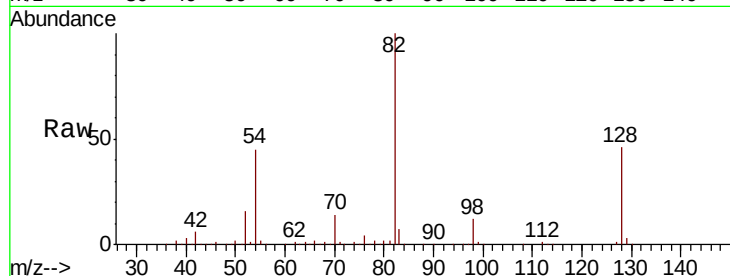
Tgt Ion: 82 Resp: 932971

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

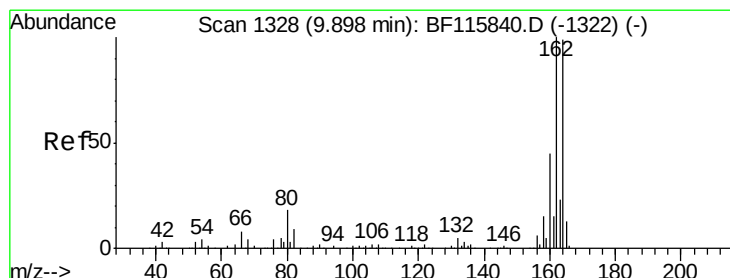
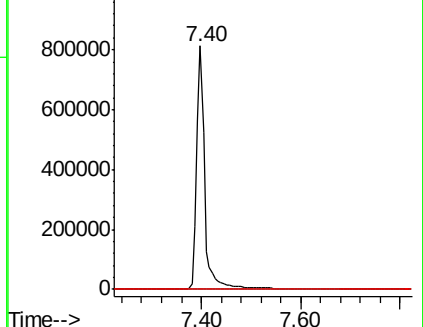
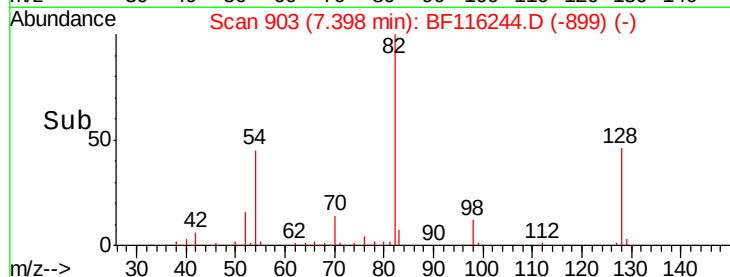
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116244.D

Acq: 13 Aug 2019 21:42

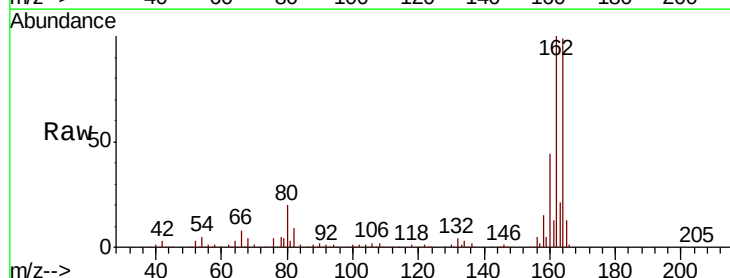
Tgt Ion: 164 Resp: 306993

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

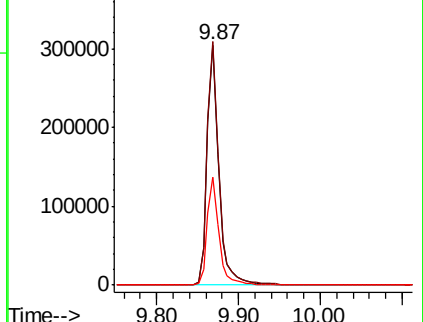
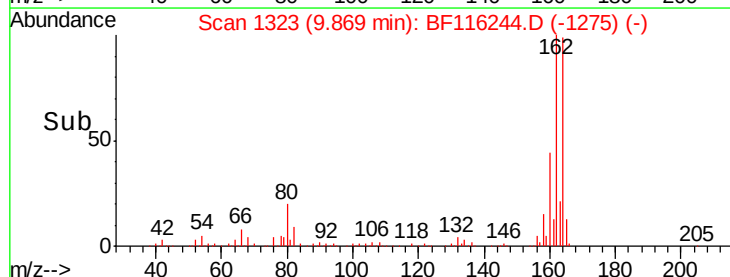
160 45.0 37.6 56.4

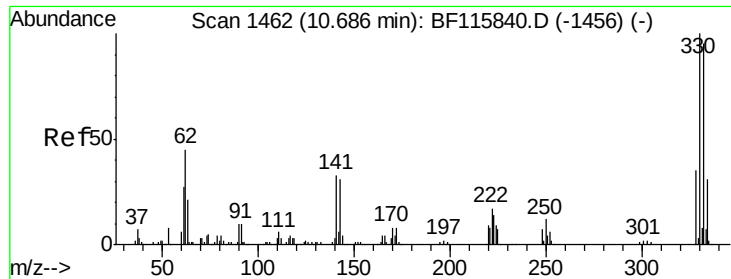


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 144.118 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116244.D

Acq: 13 Aug 2019 21:42

Instrument :

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ClientSampleId :

1S-Q-(0-1)-COMP

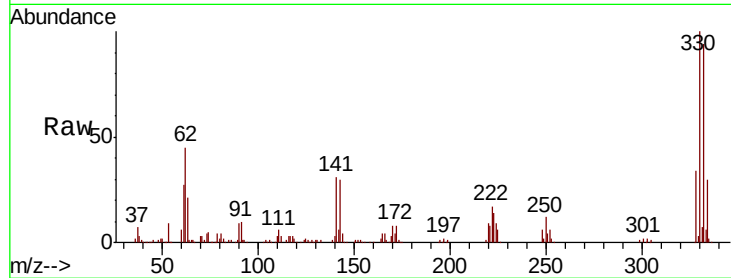
Tgt Ion:330 Resp: 428949

Ion Ratio Lower Upper

330 100

332 93.7 76.8 115.2

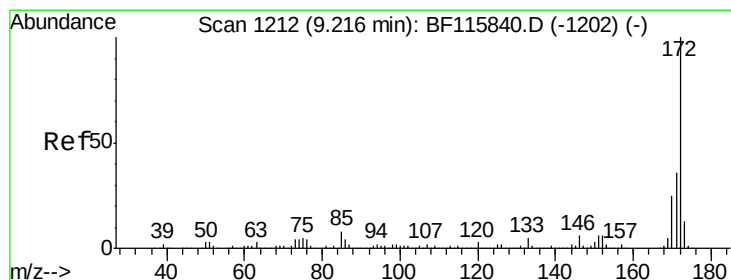
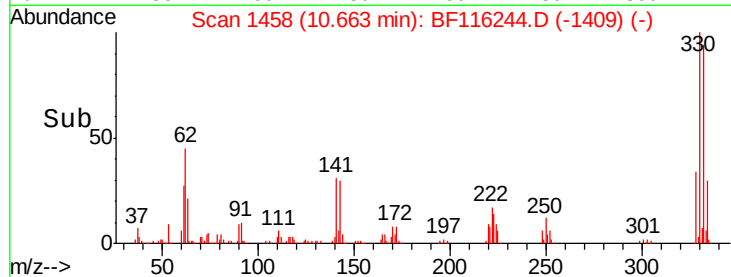
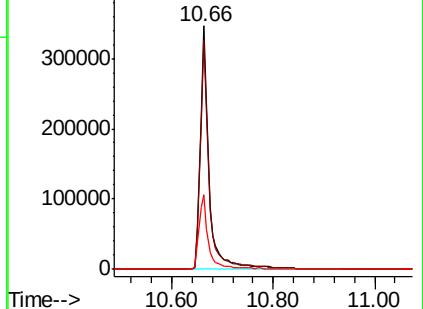
141 32.9 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 95.822 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116244.D

Acq: 13 Aug 2019 21:42

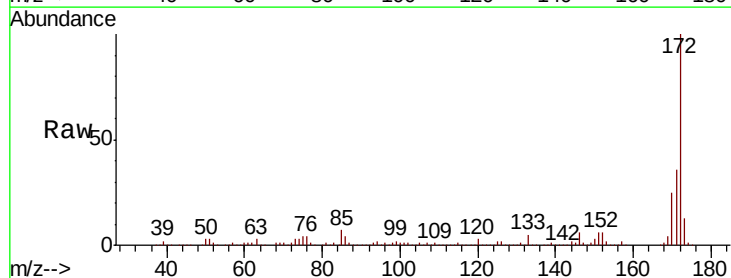
Tgt Ion:172 Resp: 1570503

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

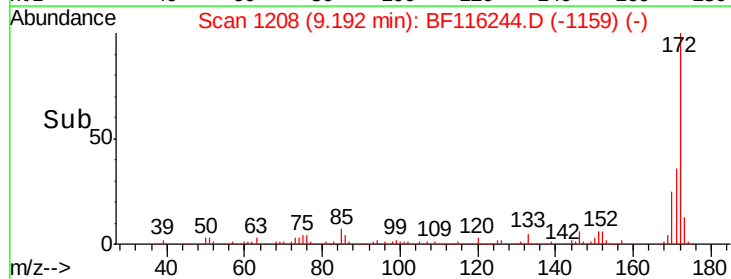
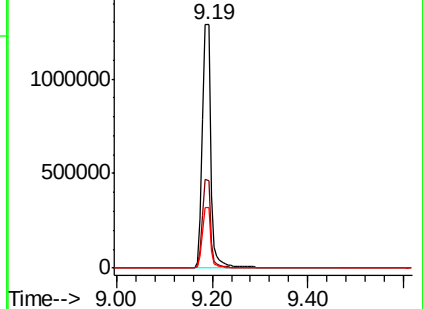
170 24.7 20.1 30.1

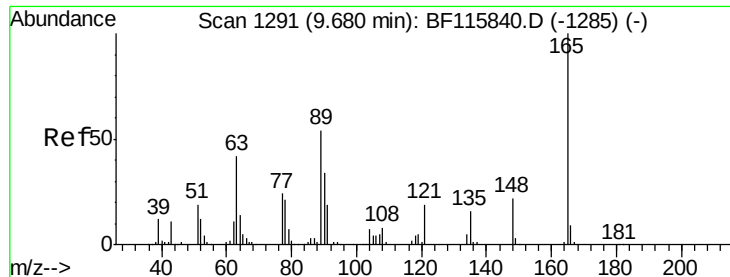


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.657 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.19 min

Lab File: BF116244.D

Acq: 13 Aug 2019 21:42

Instrument :

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1S-Q-(0-1)-COMP

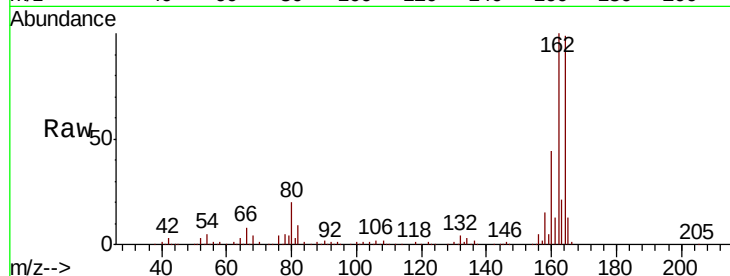
Tgt Ion:165 Resp: 39325

Ion Ratio Lower Upper

165 100

63 1.1 38.2 57.2#

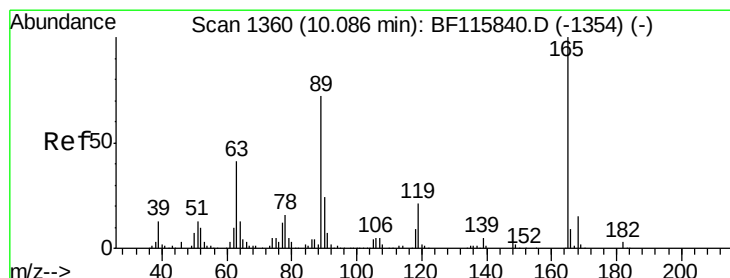
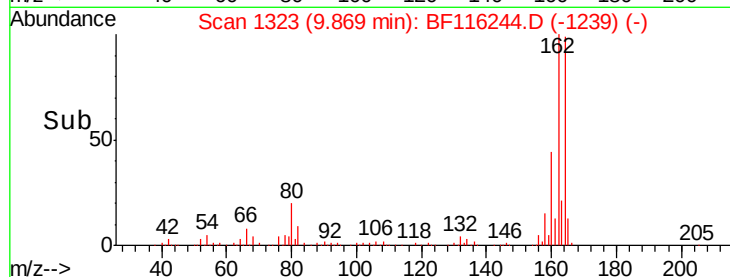
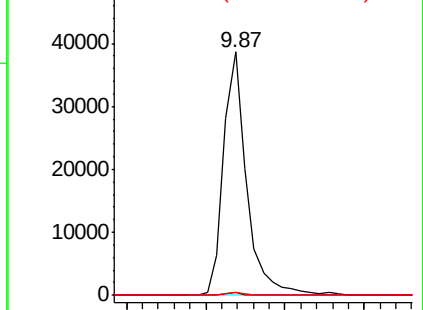
89 1.3 42.9 64.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.502 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116244.D

Acq: 13 Aug 2019 21:42

Tgt Ion:165 Resp: 39326

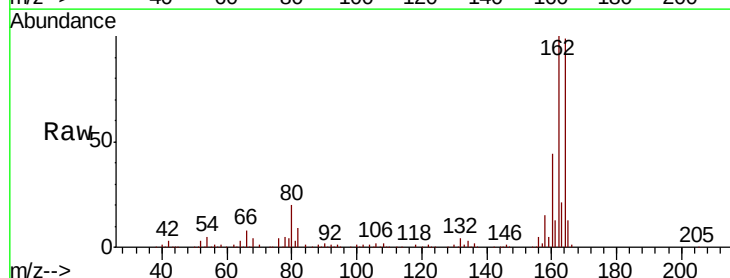
Ion Ratio Lower Upper

165 100

63 1.1 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

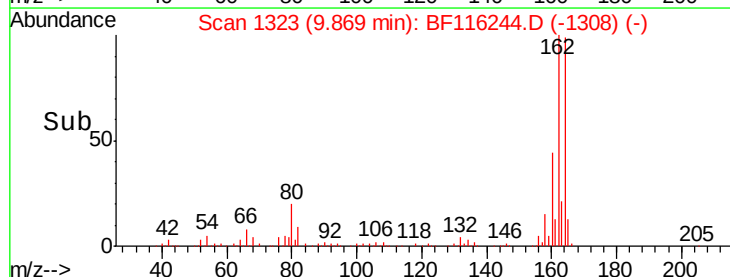
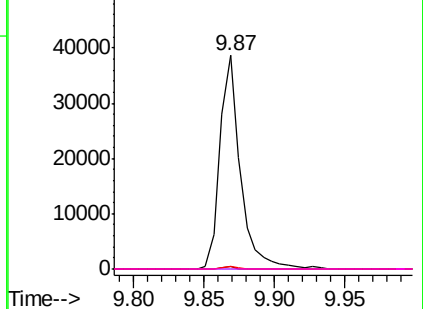


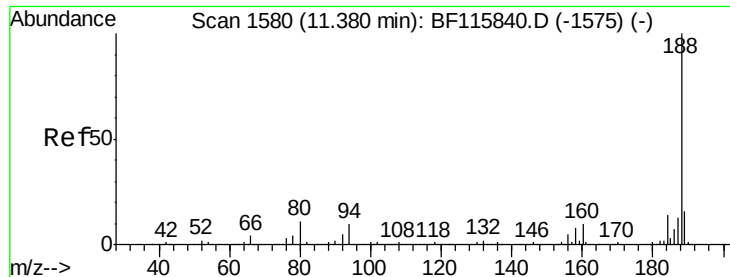
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

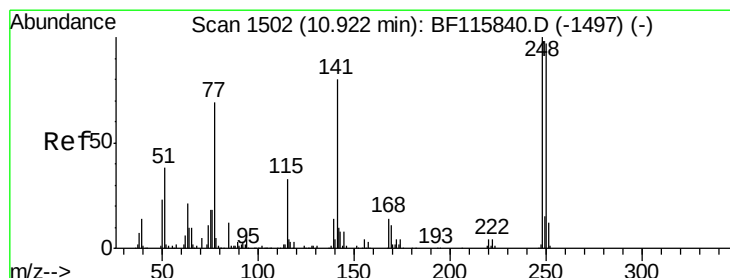
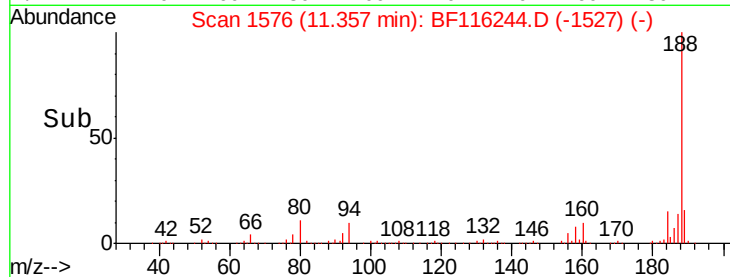
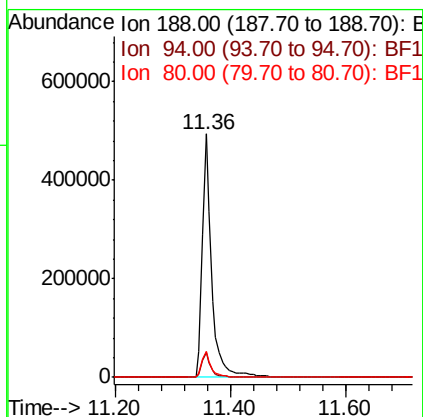
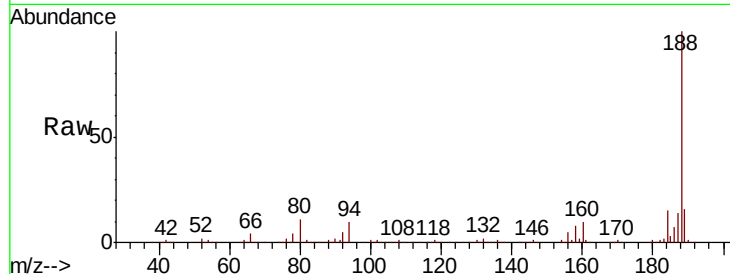




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116244.D
 Acq: 13 Aug 2019 21:42

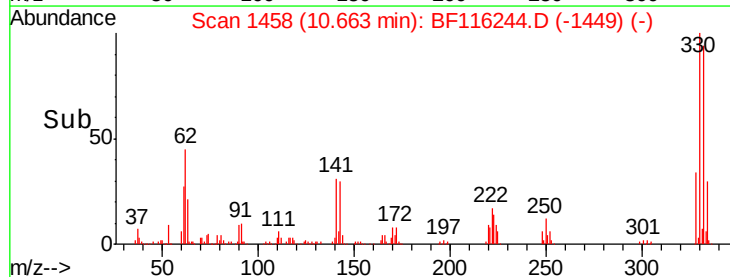
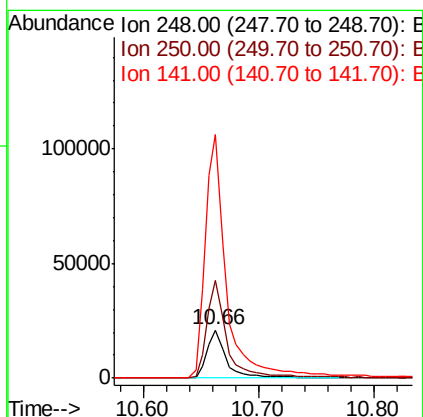
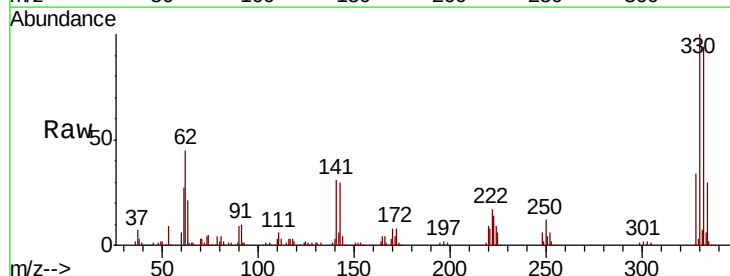
Instrument :
 BNA_F
 ClientSampleId :
 1S-Q-(0-1)-COMP

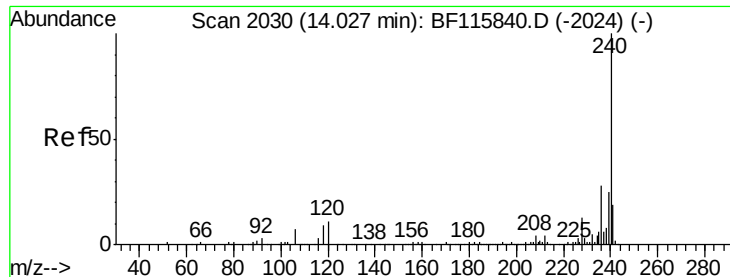
Tgt Ion:188 Resp: 567603
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.1 12.1
 80 10.8 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.084 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116244.D
 Acq: 13 Aug 2019 21:42

Tgt Ion:248 Resp: 24815
 Ion Ratio Lower Upper
 248 100
 250 203.6 77.4 116.2#
 141 504.2 56.8 85.2#

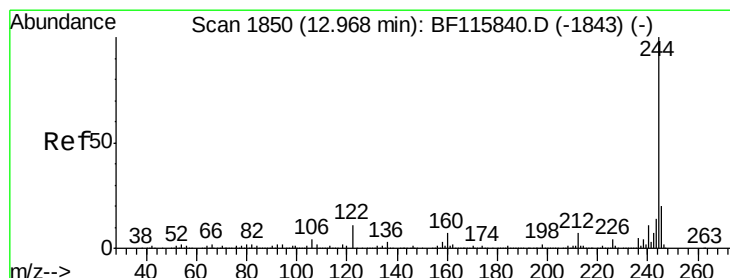
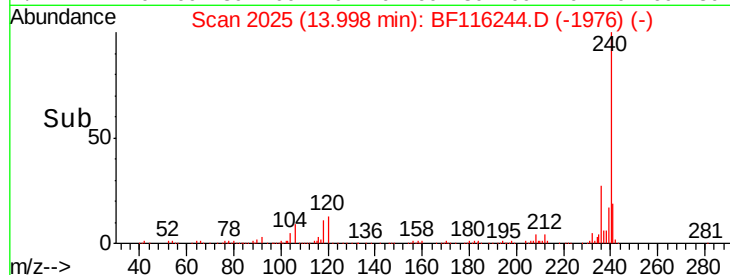
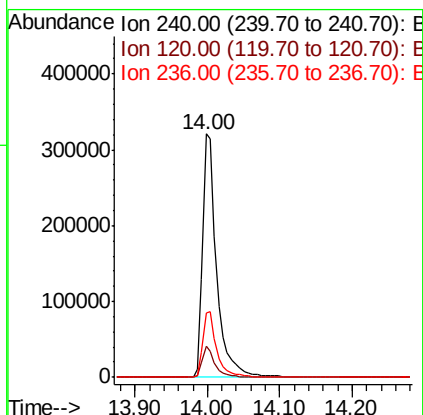
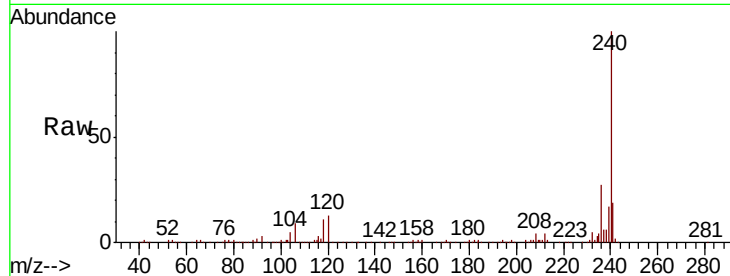




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116244.D
Acq: 13 Aug 2019 21:42

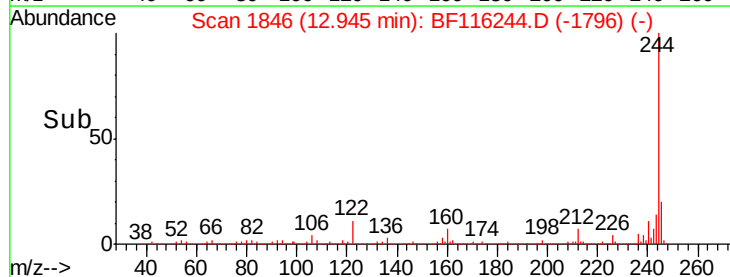
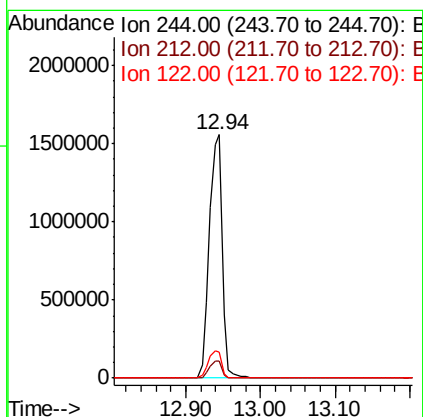
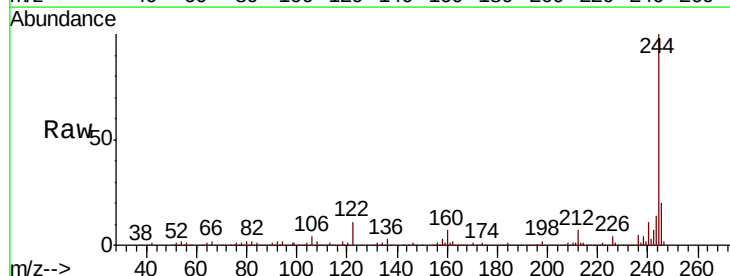
Instrument :
BNA_F
ClientSampleId :
1S-Q-(0-1)-COMP

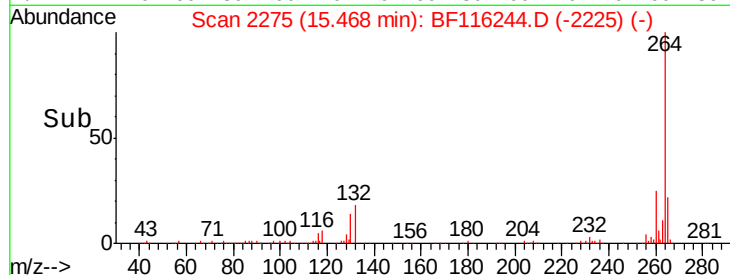
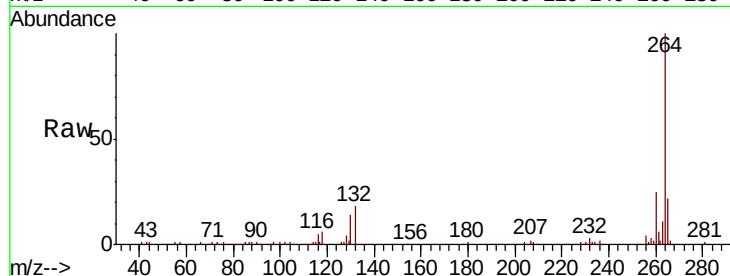
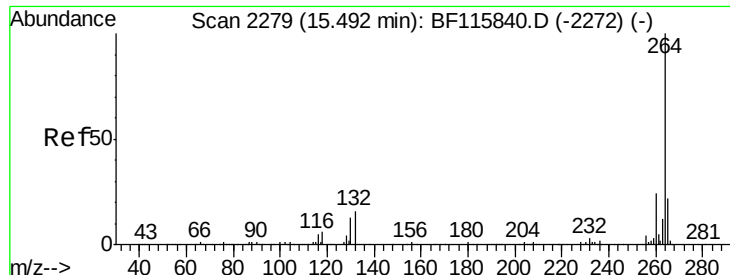
Tgt Ion:240 Resp: 434729
Ion Ratio Lower Upper
240 100
120 12.6 10.7 16.1
236 26.5 22.2 33.2



#79
Terphenyl-d14
Concen: 90.471 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116244.D
Acq: 13 Aug 2019 21:42

Tgt Ion:244 Resp: 1866509
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.5 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116244.D
Acq: 13 Aug 2019 21:42

Instrument :
BNA_F
ClientSampleId :
1S-Q-(0-1)-COMP

Tgt Ion:	264	Resp:	369461
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.0	17.4	26.0

